10577736 - GAU: 4182

| INFORMATION DISCLOSURE CITATION | ATTY. DOCKET NO. 36-1987 | | SERIAL NO. 10/577,736 |
|---|---|---|---|
| | APPLICANT XU et al | | |
| (Use several sheets if necessary) | FILING DATE May 2, 2006 | | GROUP Unknown |

NOV 14 2006

**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |

**FOREIGN PATENT DOCUMENTS**

| | DOCUMENT | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | NO |
|---|---|---|---|---|---|---|---|
| | 1320060 A1 | 06/2003 | Europe | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

| |
|---|
| International Search Report dated April 11, 2005 |
| GB Search Report dated April 27, 2004 |
| Horpraset et al., "A Statistical Approach for Real-Time Robust Background Subtraction and Shadow Detection", IEEE, ICCV '99, FRAME-RATE Workshop, 1999 |
| McKenna et al., "Tracking Groups of People", COMPUTER VISION AND IMAGE UNDERSTANDING, ACADEMIC PRESS, SAN DIEGO, CA, US, Vol. 80, No. 1, October 2000, pages 42-56, XP004439258 |
| Javed et al., "Tracking and Object Classification for Automated Surveillance", LECTURE NOTES IN COMPUTER SCIENCE, SPRINGER VERLAG, NEW YORK, NY, US, Vol. 2353, 2002, pages 343-357, XP002310656 |
| Haritaoglu et al., "W<4>: Who? When? Where? What? A real time System for Detecting and Tracking People:, AUTOMATIC FACE AND GESTURE RECOGNITION, 1998, PROCEEDINGS. THIRD IEEE INTERNATIONAL CONFERENCE ON NARA, JAPAN, 14-16 April 1998, Los Alamitos, CA, USA, IEEE COMPUT.SOC. US, 14 April 1998, pages 222-227, XP010277655 |
| Prati et al., "Comparative Evaluation of Moving Shadow Detection Algorithms", PROCEEDINGS OF 3RD WORKSHOP ON EMPIRICAL EVALUATION IN COMPUTER VISION, 10 December 2001, pages 1-18, XP002323906 |
| Jahne, "Digital Image Processing:Chapter 18: Morphology, pages 481-494, 2002, Springer, XP002324015 |
| Haritaoglu et al., "W": Real-Time Surveillance of People and Their Activities", IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE, Vol. 22, No. 8, August 2000 |
| Zhou et al., "Tracking and Classifying Moving Objects from Video", Computer and Vision Research Center, Department of Electrical and Computer Engineering, The University of Texas at Austin, circa 2001 |
| Javed et al., "A Hierarchical Approach to Robust Background Subtraction Using Color and Gradient Information", pages 1-6, Computer Vision Lab, School of Electrical Engineering and Computer Science, University of Central Florida, circa 2002 |
| Jabri et al., "Detection and Location of People in Video Images Using Adaptive Fusion of Color and Edge Information, Department of Computer Science, George Mason University, Fairfax, Virginia, circa 1999 |
| Stauffer et al., "Learning Patterns of Activity Using Real-Time Tracking", Artificial Intelligence Laboratory, Massachusetts Institute of Technology, Cambridge, MA 02139, pages 1-17, circa 1999 |
| Elgammal et al., "Background and Foreground Modeling Using Nonparametric Kernel Density Estimation for Visual Surveillance", PROCEEDINGS OF THE IEEE, Vol. 90, No. 7, July 2002, page 1151-1163 |
| Horpresert et al., "A Statistical Approach for Real-Time Robust Background Subtraction and Shadow Detection, Computer Vision Laboratory, University of Maryland, College Park, MD 20742, pages 1-19, circa 1999 |
| Xu et al., "Segmentation and Tracking of Multiple Moving Objects for Intelligent Video Analysis, BT TECHNOLOGY JOURNAL, Vol. 22, No. 3, July 2004, pages 140-150 |

| /Thomas Conway/ | | 11/24/2008 | |
|---|---|---|---|
| *Examiner | | Date Considered | |

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; drawin line through citation if not in conformance and not considered. Initial this form with next communication to application.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TC/

#1138385 v1 - 36-1987.ids